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DATE: Monday, June 12, 2006

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		DB=PGPB,USPT; PLUR=YES; OP=OR	
☐	L13	peroxochromate and L12	1
☐	L12	rheumatoid and L11	396
☐	L11	thiazole and L10	492
☐	L10	arthritis and L9	1472
☐	L9	l1 or l2 or l3 or l4 or l5 or l6 or l7 or L8	7263
☐	L8	548/518.ccls.	856
☐	L7	548/469.ccls.	494
☐	L6	548/146.ccls.	674
☐	L5	544/133.ccls.	487
☐	L4	514/422.ccls.	2057
☐	L3	514/415.ccls.	1128
☐	L2	514/365.ccls.	2391
☐	L1	514/236.8.ccls.	273

END OF SEARCH HISTORY

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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
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FILE 'HOME' ENTERED AT 12:24:46 ON 12 JUN 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:25:01 ON 12 JUN 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUN 2006 HIGHEST RN 887399-72-6
DICTIONARY FILE UPDATES: 11 JUN 2006 HIGHEST RN 887399-72-6

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****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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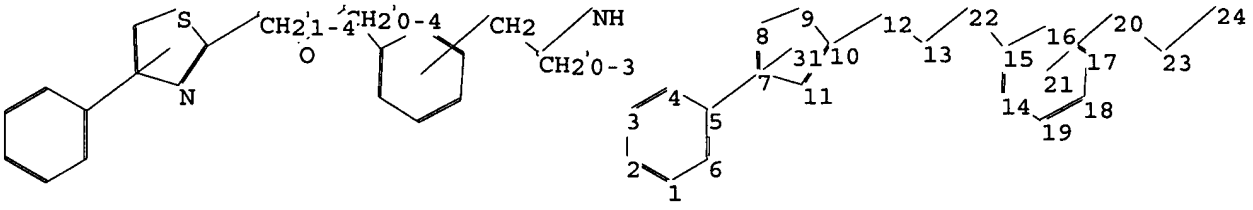
Uploading C:\Program Files\Stnexp\Queries\10612187\Struc 5.str



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ring nodes :
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ring bonds :
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16-17 17-18 18-19
exact/norm bonds :
7-11 7-8 8-9 9-10 10-11
exact bonds :
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normalized bonds :
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
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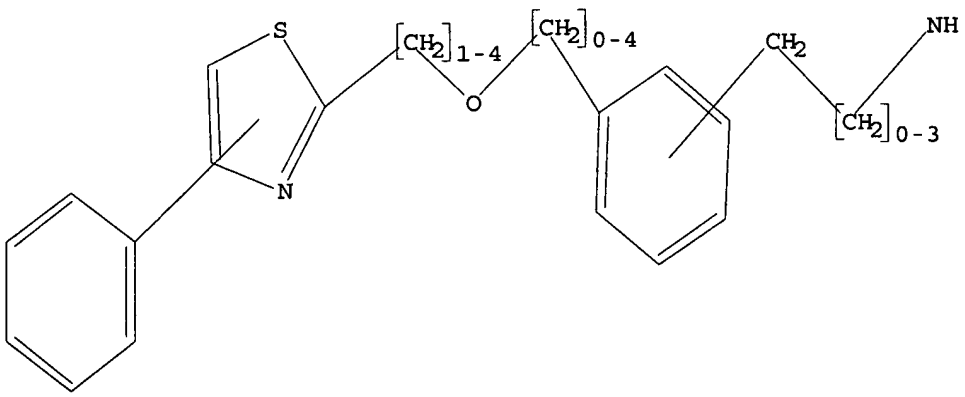

Structure attributes must be viewed using STN Express query preparation.

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 55.1% PROCESSED     2000 ITERATIONS                                 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
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PROJECTED ANSWERS:               1 TO      116

L2             1 SEA SSS SAM L1

=> l1 full
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100.0% PROCESSED    74070 ITERATIONS                                16 ANSWERS
SEARCH TIME: 00.00.01

L3            16 SEA SSS FUL L1

=> file medline caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                   166.94     167.15

FILE 'MEDLINE' ENTERED AT 12:25:22 ON 12 JUN 2006

FILE 'CAPLUS' ENTERED AT 12:25:22 ON 12 JUN 2006
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=> l3
L4             2 L3

=> d ibib abs hitstr 1-2

L4   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2004:41452  CAPLUS
DOCUMENT NUMBER:          140:111408
TITLE:                    Preparation of substituted heteroaryl and heterocyclic
                          compounds useful NAD oxidase hydride donor inhibitors
INVENTOR(S):              Beers, Scott
PATENT ASSIGNEE(S):       Janssen Pharmaceutica, N.V., Belg.
SOURCE:                   PCT Int. Appl., 26 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004005267	A2	20040115	WO 2003-US20781		20030702
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
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AU 2003267980	A1	20040123	AU 2003-267980		20030702
US 2005014745	A1	20050120	US 2003-612187		20030702
PRIORITY APPLN. INFO.:			US 2002-393710P	P	20020703
			WO 2003-US20781	W	20030702

OTHER SOURCE(S): MARPAT 140:111408

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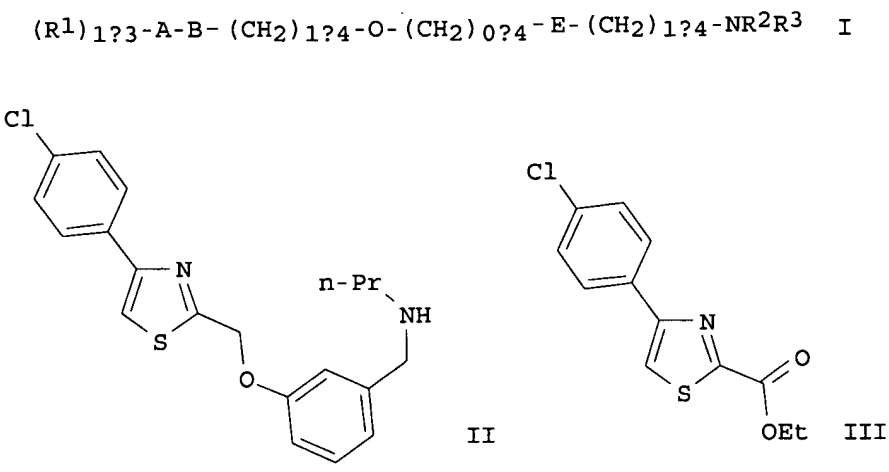

AB The invention refers to substituted heteroaryl and heterocyclic compds. I [wherein: R1 is a substituent on the 3, 4 or 5 position of the ring A and R1 = H, alkyl, alkoxy, NH2, NH-alkyl, N(alkyl)2, halogen, OH; A, E = phenylene or pyridinylene; B is a monocyclic 5-membered heteroarylene containing N, O, or S, and optionally containing an addnl. N; R2, R3 = H, alkyl-R4, cycloalkyl; R4 = alkoxy, NH2, NH-alkyl, N(alkyl)2, 1-3 halogen(s), OH, cycloalkyl-R5, heterocyclyl-R5, (hetero)aryl-R5; R5 = H, 1 or 2 of alkyl or alkoxy] and pharmaceutically acceptable salts thereof useful as NAD oxidase hydride donor inhibitors. Compds. I are claimed to be useful in treating or ameliorating reactive oxygen species-mediated inflammatory disorders such as osteoarthritis and Alzheimer's disease. In an NADPH oxidase assay for inhibition of superoxide-mediated reduction of cytochrome c in human neutrophils incubated with phorbol myristate acetate, 11 compds. I had IC50 values of 0.04-3.45 μM. For instance, compound II (IC50 = 1.65 μM) was prepared via heterocyclization of 4-ClC6H5C(O)CH2Br with H2NC(S)CO2Et, reduction of obtained thiazole III to the appropriate alc. analog, etherification with 3-HOC6H5CHO, and subsequent

reductive amination by propylamine.

IT **646053-15-8P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-propylbenzenemethanamine **646053-17-0P**, 4-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-propylbenzenemethanamine **646053-18-1P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-(2-methylpropyl)benzenemethanamine **646053-19-2P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-cyclopentylbenzenemethanamine **646053-20-5P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-cyclohexylbenzenemethanamine **646053-21-6P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-cyclopropylbenzenemethanamine **646053-22-7P**, N-[[3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]phenyl]methyl]-1-methyl-2-pyrrolidinemethanamine dihydrochloride **646053-23-8P**, 4-[2-[[[3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]phenyl]methyl]amino]ethyl]morpholine dihydrochloride **646053-24-9P**, 4-(4-Chlorophenyl)-2-[[3-[[[(5-methyl-2-furanyl)methyl]amino]methyl]phenoxy]methyl]thiazole **646053-25-0P**, N-[[3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]phenyl]methyl]-5-methoxy-1H-indole-3-ethanamine hydrochloride **646053-26-1P**, 4-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]-N-cyclopentylbenzenemethanamine **646053-27-2P**, 3-[[4-(4-Chlorophenyl)-2-thiazolyl]methoxy]benzenemethanamine **646053-30-7P 646053-31-8P 646053-32-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted heteroaryl and heterocyclic compds. as NAD oxidase hydride donor inhibitors useful in treating/ameliorating reactive oxygen species-mediated inflammatory disorders)

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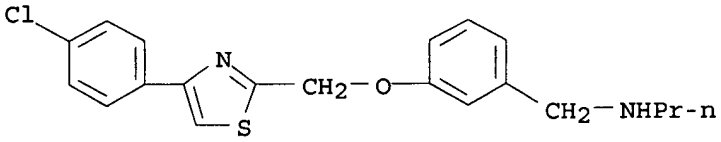

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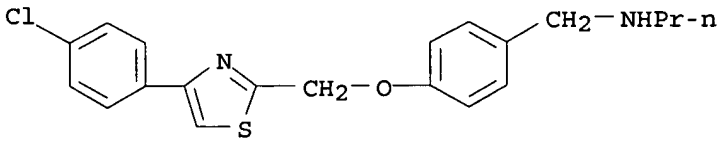

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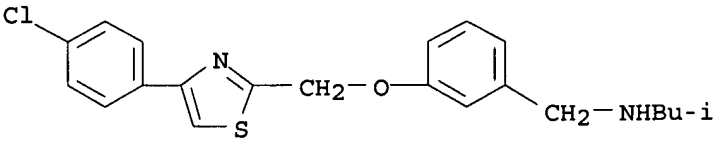

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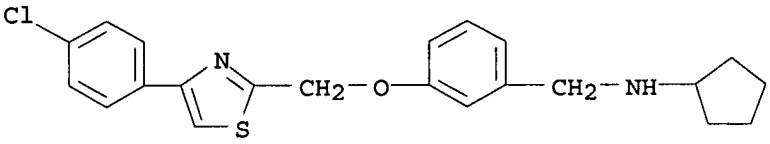

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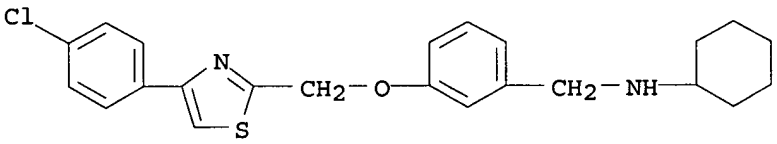

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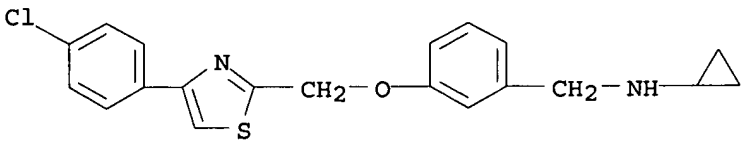

RN 646053-22-7 CAPLUS
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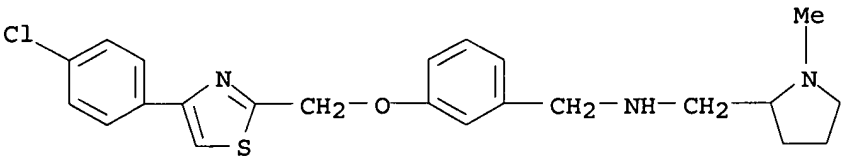

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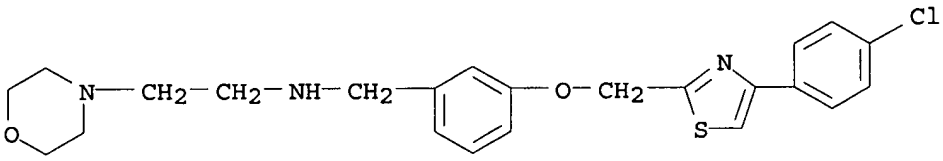

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RN 646053-24-9 CAPLUS
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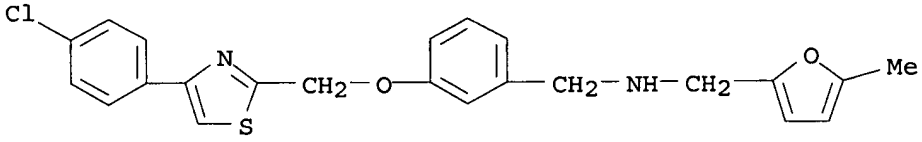
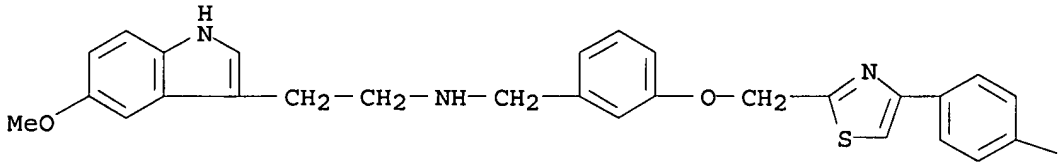


RN 646053-25-0 CAPLUS
CN 1H-Indole-3-ethanamine, N-[[3-[[4-(4-chlorophenyl)-2-thiazolyl]methoxy]phenyl]methyl]-5-methoxy-, monohydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● HCl

PAGE 1-B

Cl

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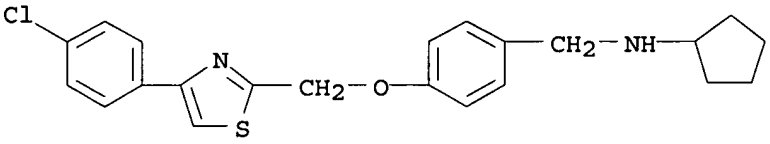

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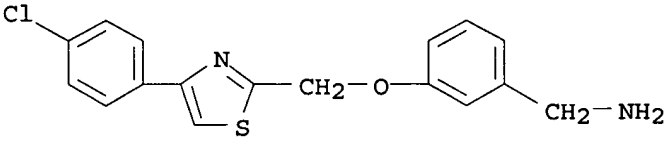

RN 646053-30-7 CAPLUS
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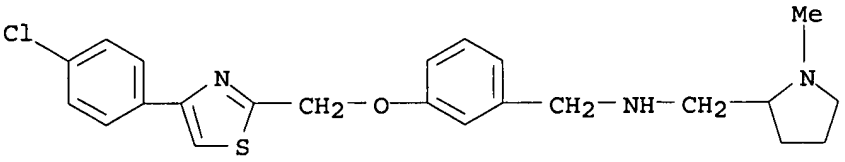

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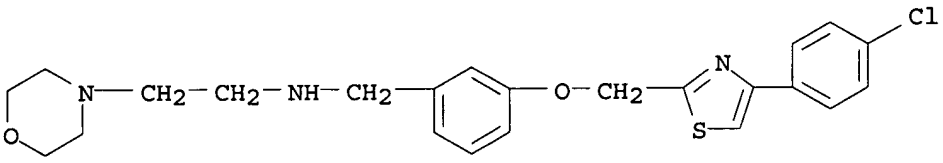

RN 646053-32-9 CAPLUS
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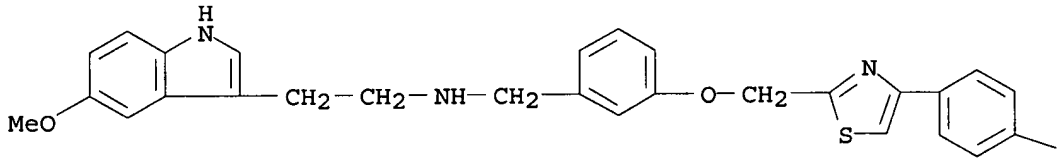
PAGE 1-A



PAGE 1-B

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:9818 CAPLUS
DOCUMENT NUMBER: 130:66488
TITLE: Preparation and formulation of heterocyclic moiety-containing sulfamoylbenzoic acid derivatives as LTD4 and thromboxane A2 antagonists
INVENTOR(S): Ichikawa, Yoshihiro; Nishida, Tokiko; Nakano, Jun; Watanuki, Mitsuru; Suda, Masahiro; Nakamura, Tsutomu
PATENT ASSIGNEE(S): Kaken Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 96 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2294956	AA	19981223	CA 1998-2294956	19980612
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EP 999209	A1	20000510	EP 1998-924585	19980612
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US 6376671	B2	20020423	US 2001-844095	20010427
US 2002049228	A1	20020425		
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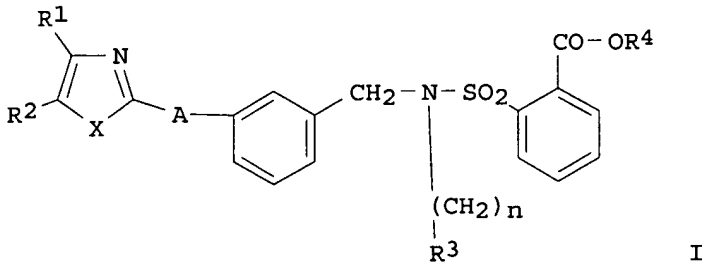
OTHER SOURCE(S): MARPAT 130:66488
GI



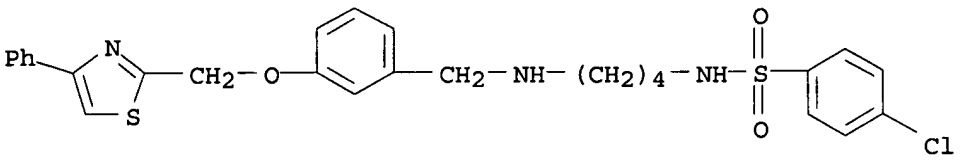
I

AB The title compds. I [R1, R2 = H, cycloalkyl, etc.; further details on R1 and R2 are given; A = OB, etc.; B = alkylene, etc.; a proviso is given; X = S, etc.; R3 = (un)substituted phenylsulfonylamino, etc.; R4 = H, etc.; n = 2 - 6] are prepared In an in vitro test for thromboxane A2 receptor antagonism, the title compound I [R1 = isopropyl; R2 = R4 = H; A = CH2O; R3 = p-chlorobenzenesulfonylamino; n = 4; X = S] showed the pA2 value of 8.3.

IT **217800-45-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclic moiety-containing sulfamoylbenzoic acid derivs. as
LTD4 and thromboxane A2 antagonists)

RN 217800-45-8 CAPLUS
CN Benzenesulfonamide, 4-chloro-N-[4-[[[3-[(4-phenyl-2-

thiazolyl)methoxy]phenyl]methyl]amino]butyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.71	186.86
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

STN INTERNATIONAL LOGOFF AT 12:38:04 ON 12 JUN 2006